

	Document ID	Issue Date	Title	Current OR	Current XRef	Retrieval Classif	Inventor
1	US 20020001499 A1	20020103	Serial recording apparatus	400/582	400/578		Hayashi, Yoshinori et al.
2	US 6364551 B1	20020402	Media advance system for a printer	400/582	400/578		Lesniak, Christopher M. et al.
3	US 6312177 B1	20011106	Line printer	400/578	347/104		Nureki, Shinji
4	US 6183151 B1	20010206	Sheet feeding apparatus	400/582	400/578		Kono, Takeshi
5	US 5308176 A	19940503	Apparatus for conveying paper in a printer	400/618	400/625; 400/636.2	400/625	Yamaguchi, Naoto
6	US 5241331 A	19930831	Sheet conveyor apparatus with slip transmission	346/134	271/272; 346/136; 400/625; 400/636; 400/636.2	400/625	Chiku, Kazuyoshi
7	US 5051014 A	19910924	Sheet feeding apparatus	400/625	271/116; 271/242; 271/902; 400/629	400/625	Takagi, Kazuhiko et al.
8	US 5149217 A	19920922	Selectively actuable multiple medium feed mechanism for a micro printer	400/608.4	192/26; 400/585.1; 400/607		Narita, Hiroshi
9	US 4519700 A	19850528	Electronically gated paper aligner system	399/394	271/226; 271/248; 271/258.01; 271/258.03; 271/270; 347/153; 355/1; 358/296; 358/300		Barker, Robert B. et al.

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10	US 6298778 B1	20011009	Sheet feeding device for a printer	101/232	101/116; 101/118; 101/216; 271/10.05; 271/10.12; 271/10.13; 271/161; 271/270		Onodera, Takayuki et al.

L Number	Hits	Search Text	DB	Time stamp
-	552	(400/625).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:23
-	651	(400/624).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:51
-	1221	(400/636).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:52
-	839	(400/578).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:52
-	35	(400/271).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:53
-	95	((400/625).CCLS.) and (backlash or return)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:02
-	111	((400/624).CCLS.) and (backlash or return)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:55
-	136	((400/636).CCLS.) and (backlash or return)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:55
-	52	((400/578).CCLS.) and (backlash or return)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:56

-	1	((400/271),CCLS.) and (backlash or return)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 10:56
-	185	((400/625),CCLS.) and (advanc\$5 or convey\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:15
-	179	((400/624),CCLS.) and (advanc\$5 or convey\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:04
-	240	((400/636),CCLS.) and (advanc\$5 or convey\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:04
-	135	((400/578),CCLS.) and (advanc\$5 or convey\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:04
-	1	((400/271),CCLS.) and (advanc\$5 or convey\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:07
-	135	((400/625),CCLS.) and (advanc\$5 or convey\$5) and motor\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:18
-	118	((400/624),CCLS.) and (advanc\$5 or convey\$5) and motor\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:16
-	148	((400/636),CCLS.) and (advanc\$5 or convey\$5) and motor\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:16

-	71	(((((400/578).CCLS.) and (advanc\$5 or convey\$5))) and motor\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:17
-	1	(((((400/271).CCLS.) and (advanc\$5 or convey\$5))) and motor\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:17
-	125	(((((400/625).CCLS.) and (advanc\$5 or convey\$5))) and motor\$1) and roller\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:19
-	117	(((((400/624).CCLS.) and (advanc\$5 or convey\$5))) and motor\$1) and roller\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:19
-	142	(((((400/636).CCLS.) and (advanc\$5 or convey\$5))) and motor\$1) and roller\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:19
-	61	(((((400/578).CCLS.) and (advanc\$5 or convey\$5))) and motor\$1) and roller\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:20
-	1	(((((400/271).CCLS.) and (advanc\$5 or convey\$5))) and motor\$1) and roller\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:20
-	93	(((((400/625).CCLS.) and (advanc\$5 or convey\$5))) and motor\$1) and roller\$1) and gear\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:21
-	86	(((((400/624).CCLS.) and (advanc\$5 or convey\$5))) and motor\$1) and roller\$1) and gear\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:21

-	87	(((((400/636).CCLS.) and (advance\$5 or convey\$5))) and motor\$1) and roller\$1) and gear\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:21
-	37	(((((400/578).CCLS.) and (advance\$5 or convey\$5))) and motor\$1) and roller\$1) and gear\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:22
-	0	(((((400/271).CCLS.) and (advance\$5 or convey\$5))) and motor\$1) and roller\$1) and gear\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:23
-	57	(((((400/624).CCLS.) and (advance\$5 or convey\$5))) and motor\$1) and roller\$1) and gear\$1) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:24
-	56	(((((400/636).CCLS.) and (advance\$5 or convey\$5))) and motor\$1) and roller\$1) and gear\$1) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:25
-	22	(((((400/578).CCLS.) and (advance\$5 or convey\$5))) and motor\$1) and roller\$1) and gear\$1) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/24 11:25
-	60	(((((400/625).CCLS.) and (advance\$5 or convey\$5))) and motor\$1) and roller\$1) and gear\$1) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 10:27
-	960	print\$4 same reduction same (media or medium or paper\$1 or sheet\$1 or substrate\$1) same position\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 14:30
-	105	(print\$4 same reduction same (media or medium or paper\$1 or sheet\$1 or substrate\$1) same position\$1) and step\$4 adj motor\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 15:44

-	102	((print\$4 same reduction same (media or medium or paper\$1 or sheet\$1 or substrate\$1) same position\$1) and step\$4 adj motor\$1) and control\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 15:51
-	62	((((print\$4 same reduction same (media or medium or paper\$1 or sheet\$1 or substrate\$1) same position\$1) and step\$4 adj motor\$1) and control\$4) and advance\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 16:05
-	23	(((((print\$4 same reduction same (media or medium or paper\$1 or sheet\$1 or substrate\$1) same position\$1) and step\$4 adj motor\$1) and control\$4) and advance\$5) and increment\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 16:14
-	53	(((((print\$4 same reduction same (media or medium or paper\$1 or sheet\$1 or substrate\$1) same position\$1) and step\$4 adj motor\$1) and control\$4) and advance\$5) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/26 16:14
-	22	(((((print\$4 same reduction same (media or medium or paper\$1 or sheet\$1 or substrate\$1) same position\$1) and step\$4 adj motor\$1) and control\$4) and advance\$5) and increment\$4) and predetermined	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/27 13:34
-	277	printer\$1 same backlash	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/27 13:35
-	55	(printer\$1 same backlash) and reduction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 10:07
-	24	(backlash adj reduction) near2 (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equipment\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 10:36
-	2	((backlash adj reduction) near2 (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equipment\$1)) and print\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 10:14

-	14	(backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equipment\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:23
-	0	(400/625.ccls.) and (backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equipment\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:25
-	0	(400/624.ccls.) and (backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equipment\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:26
-	0	(400/\$.ccls.) and (backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equipment\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:29
-	0	(271/\$.ccls.) and (backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equipment\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 11:30
-	0	(347/\$.ccls.) and (backlash adj reduction) adj (device\$1 or apparatus\$2 or system\$1 or mechanism\$1 or equipment\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:26
-	388	feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:45
-	96	((feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and print\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:37
-	2	((feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and print\$4) and backlash\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:34



-	16	((feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and print\$4) and stepp\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:34
-	4	(feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and backlash	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 13:37
-	69	(paper or sheet or media or medium) adj feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 16:33
-	1	((paper or sheet or media or medium) adj feeding adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and backlash	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 14:49
-	1	((paper or sheet or media or medium or substrate) adj (feeding or delivering or conveying or advancing) adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)) and backlash	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 16:40
-	81	(paper or sheet or media or medium or substrate) adj (feeding or delivering or conveying or advancing) adj control adj (mechanism\$1 or device\$1 or apparatus\$2 or system\$1 or equipment\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/30 16:40
-	10	backlash near3 reduction adj system	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/06 12:16
-	3	("4310236").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/08 13:44